

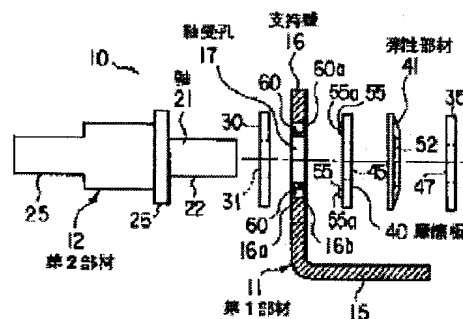
SHAFT LOCK DEVICE

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Abstract of JP9329127

PROBLEM TO BE SOLVED: To provide a shaft lock device which can change friction torque or the like at a desired angle. **SOLUTION:** A support wall 16 is provided at a first member 11. A bearing hole 17 is formed at the support wall 16. A shaft 21 provided at a second member 12 is inserted into the bearing hole 17. A flange part 26 and a pressing plate 35 are provided at the shaft 21. A friction plate 40 and a spring 41 are provided between the support wall 16 and the pressing plate 35. The friction plate 40 can be moved in the axial direction of the shaft 21 against the support wall 16 and can be integrally rotated with the shaft 21. The spring 41 presses the friction plate 40 to the support wall 16. A projecting part 55 is provided at the friction plate 40. A hole 60 is formed in the support wall 16. The projecting part 55 enters the hole 60 when the first member 11 and the second member 12 are at predetermined rotation angles, respectively and goes out of the hole 60 at the angles other than the above.



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